

# INTERNATIONAL SEARCH REPORT

International Application No. . . .  
PCT/EP 03/07246

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12P1/00 C12N9/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12P C12N C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, WPI Data, PAJ, EMBASE, MEDLINE, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ORLICH BERNHARD ET AL: "Enzymatic reduction of a less water-soluble ketone in reverse micelles with NADH regeneration" BIOTECHNOLOGY AND BIOENGINEERING, vol. 65, no. 3, 5 November 1999 (1999-11-05), pages 357-362, XP002257499 ISSN: 0006-3592 the whole document, in particular Fig. 1</p> <p style="text-align: center;">--- -/--</p>	1-5,7-12

☒ Further documents are listed in the continuation of box C:

☐ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

13 October 2003

Date of mailing of the international search report

03/11/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ORLICH BERNHARD ET AL: "Stability and activity of alcohol dehydrogenases in W/O-microemulsions: Enantioselective reduction including cofactor regeneration" BIOTECHNOLOGY AND BIOENGINEERING, vol. 70, no. 6, 20 December 2000 (2000-12-20), pages 638-646, XP002257500 ISSN: 0006-3592 the whole document, in particular Fig. 1</p>	1-5,7-12
A	<p>HUMMEL W: "NEW ALCOHOL DEHYDROGENASES FOR THE SYNTHESIS OF CHIRAL COMPOUNDS" ADVANCES IN BIOCHEMICAL ENGINEERING, BIOTECHNOLOGY, SPRINGER, BERLIN, DE, vol. 58, 1997, pages 145-184, XP000677754 ISSN: 0724-6145</p>	
P,X	<p>GROEGER HARALD ET AL: "Practical asymmetric enzymatic reduction through discovery of a dehydrogenase-compatible biphasic reaction media." ORGANIC LETTERS, vol. 5, no. 2, 23 January 2003 (2003-01-23), pages 173-176, XP002257501 ISSN: 1523-7060 (ISSN print) the whole document</p>	1-12